In the Specification:

Page 19, please replace the third paragraph (staring at line 10) with:

--If the sampling attempt limit has been exceeded, computer 400 divides the values of the composite image by the number of successful samples to determine an average of the values of pixels in the subsample regions (step 180). From the resulting composite image, computer 400 determines the quadrant offset angle (step 182). One way to determine the quadrant offset angle is as illustrated in Fig. 18. The preciseness of the quadrant angle is proportional to the size of the composite image. Put another way, a large composite image will provide a more precise quadrant angle than a small composite image.--